

Title (en)

Multi-speed manual transmission with reverse brake

Title (de)

Mehrgängiges Handschaltgetriebe mit Bremse für den Rückwärtsgang

Title (fr)

Boîte de vitesses à plusieurs rapports à commande manuelle avec dispositif de freinage pour marche arrière

Publication

**EP 0866239 A3 19990707 (EN)**

Application

**EP 98103040 A 19980220**

Priority

US 82006297 A 19970318

Abstract (en)

[origin: EP0866239A2] The present invention is directed to a reverse brake incorporated into the geartrain of a manual transmission which functions to stop inertial rotation of the input shaft prior to engagement of reverse gear. In particular, a constant-mesh gearset is operable with a first clutch to establish a forward drive connection between the input shaft and the output shaft, and is further operable with a second clutch to brake rotation of the input shaft without establishing a forward drive connection with the output shaft. <IMAGE>

IPC 1-7

**F16H 3/38**; **F16H 63/30**

IPC 8 full level

**F16H 3/38** (2006.01); **F16H 63/30** (2006.01)

CPC (source: EP US)

**F16H 3/385** (2013.01 - EP US); **F16H 63/302** (2013.01 - EP US); **Y10T 74/19223** (2015.01 - EP US); **Y10T 74/19233** (2015.01 - EP US); **Y10T 74/19242** (2015.01 - EP US)

Citation (search report)

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